



SI B12 08 02
Engine Electrical Systems

October 2002
Service Engineering

PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

SUBJECT

Engine Wiring Harness Section Replacement for Ignition Coils

MODEL

E46 325i and 330i with M54 engine

E39 525i and 530i with M54 engine

SITUATION

Certain 2003 model year BMW automobiles with M54 engines incorporate an engine harness that may have electrical connectors with a contact force below specifications.

AFFECTED VEHICLES

This Service Action involves E46 3 series and E39 5 series vehicles with M54 engines which were produced from 9/02/02 – 9/11/02.

In order to determine if a specific vehicle is affected by this Service Action, it will be necessary to utilize the "Service Menu" of the DCS (Dealer Communication System). Based on the response of the system, either proceed with the corrective action or take no further action.

The Chassis Number Ranges listed below are **only** for informational purposes and are not to be considered as the only deciding factor.

Model	Chassis Number Range
325i	KL58761 – KL58897
325iA	KL77548 – KL79185
330i	KM01791 – KM02448
330iA	KM22213 – KM24721
525i	GF42812 – GF42853
525iA	GY97918 – GY98283
525iT	GD50426 – GD50436
525iT A	GE10698 – GE10756
530i	CE93921 – CE93980
530iA	CK28149 – CK28764

CORRECTION

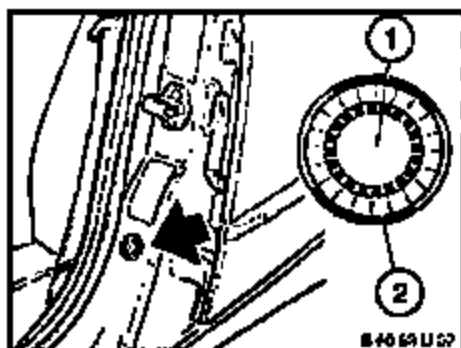
Replace the engine wiring harness section for ignition coils on all affected vehicles.

PROCEDURE

Replace the engine wiring harness section for ignition coils as outlined in repair manual group 12, section 12 51 100.

PARTS INFORMATION

Part Number	Description	Quantity
12 51 7 518 044	E46 engine wiring harness section	1
12 51 7 518 000	E39 engine wiring harness section	1

LABEL INSTRUCTIONS

This Service Action has been assigned code number 345. After the vehicle has been checked, and corrected if necessary, obtain a label (SD 92-205) and:

- emboss your BMW dealer warranty number in the middle of the label (1);
- punch out code number 345 printed on the label and,
- affix the label to the B pillar as shown.

If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one because a number from an underlying label could appear in the punched-out hole of the new label.

WARRANTY INFORMATION

Reimbursement for this Service Action will be provided through campaign entry.

Defect Code

00 12 59 01 00

Work Package #1: Replace engine wiring harness section for ignition coils

Labor Operation: 00 53 985 (If vehicle has not been retailed or placed in service)

Labor Allowance:
E46: 5 FRU
E39: 4 FRU

Part Allowance: E46: 12 51 7 518 044
E39: 12 51 7 518 000

Work Package #2: Replace engine wiring harness section for ignition coils

Labor Operation: 00 53 411 (If vehicle has been retailed or placed in service)

Labor Allowance:
E46: 7 FRU
E39: 6 FRU

Part Allowance: E46: 12 51 7 518 044

E39: 12 51 7 518 000

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